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<b>Notice of Allowability</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/721,084		IWASAWA, KOJI	
	<b>Examiner</b>		<b>Art Unit</b>	
	Tung S. Lau		2863	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 02/17/2006.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

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|--|--|
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date <u>See office action</u></li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____.</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____.</li> </ol> |
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## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 02/17/2006 has been entered.

### **Information Disclosure Statement**

2. The information disclosure statement filed 09/28/2005 fails to comply with 37 CFR 1.98 (b)(5) which requires each publication listed an information disclosure statement must be identified by publisher, author (if any), title, relevant pages of the publication date, and place of publication. It has been placed in the application file, but the information referred to therein has not been considered. The information disclosure statement filed 09/28/2005 fails to fully comply with 37 CFR 1.98(a)(3) because it does not include a concise explanation of the relevance, as it is presently understood by the individual designated in § 1.56(c) most knowledgeable about the content of the information, of each patent, publication, or other information listed that is not in the English language. The concise explanation may be either separate from applicant's specification or incorporated therein.

Applicant is advised that the date of any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purpose of determining compliance with the requirements based on the time of filling the statement, including all certification requirements under 37 CFR 1.97(e). See MPEP § 609.05(a).

**Prior art cited**

3. Although the prior art discloses several claimed limitation, for example:  
JP 08-228211, Tanaka Yasuyuki discloses the detection of the occurrence of an error during call processing execution, a module sends an alarm. A module level statistic analysis means receives the notice of frequent occurrence of alarm. The module level statistic analysis means 600 analyzes statistically collected alarms to discriminate whether a fault takes place in the outside or in the inside of the module. When an in-module fault takes place, the means sends an in- module, fault occurrence notice to a maintenance terminal equipment. When the means detects the occurrence of an out-module fault based on the result of statistic analysis of an alarm, the means sends an out-module fault detection notice to a node level statistic analysis means The node level statistic analysis means sends an inter-module/module common fault detection notice to the maintenance terminal equipment.

***Allowable Subject Matter***

3. Claims 1-20 are allowed.

***Reasons for Allowance***

4. The following is an examiner's statement of reasons for allowance:

Independent claims 1, 6, 7, 11, 16 and 17 contain allowable subject matter. None of the prior art of record shows or fairly suggests the claimed invention.

Regarding claims 1, 6 and 7:

The primary reason for the allowance of claims 1, 6 and 7 are the inclusion of an alarm management method including transmitting alarm data associated with each alarm from each apparatus to an alarm management apparatus wherein the alarm data includes a date which the alarm generated. It is these features found in the claim, as they are claimed in the combination, that has not been found, taught or suggested by the prior art of record which makes this claim allowable over the prior art.

Claims 2, 3, 4, 5 and 8 are allowed due to their dependency on claim 1.

Claim 9 is allowed due to their dependency on claim 6.

Claim 10 is allowed due to their dependency on claim 7.

Regarding claims 11, 16 and 17:

The primary reason for the allowance of claims 11, 16 and 17 are the inclusion of an alarm management apparatus including a data collection device for collecting alarm data for alarms from an apparatus where the alarms are generated, wherein the alarm data includes a date which the alarm was generated. It is

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these features found in the claim, as they are claimed in the combination, that has not been found, taught or suggested by the prior art of record which makes this claim allowable over the prior art.

Claims 12, 13, 14, 15 and 18 are allowed due to their dependency on claim 11.

Claim 19 is allowed due to their dependency on claim 16.

Claim 20 is allowed due to their dependency on claim 17.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tung S Lau whose telephone number is 571-272-2274. The examiner can normally be reached on M-F 9-5:30. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Barlow can be reached on 571-272-2269. The fax phone numbers for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TL



John Barlow  
Supervisory Patent Examiner  
Technology Center 2800